

Presently Pending Claims

1. (Previously Amended) A device for opening a door, the device comprising:
a receptacle structure, the receptacle structure coupled to the door, the receptacle structure having a top surface and an angled guiding surface, the top surface forming an angled protrusion, the receptacle structure having a receptacle, the receptacle formed between the top surface and the angled guiding surface;
a latching rod; and
a sliding assembly coupled to the latching rod;
wherein movement of the sliding assembly causes the latching rod to contact the angled protrusion;
wherein the contact of the latching rod with the angled protrusion of the receptacle structure causes the rod to push the receptacle structure and the door to a partially open position;
wherein after the latching rod contacts the angled protrusion, the latching rod navigates across the angled guiding surface of the receptacle structure, thereby pushing the receptacle structure and the door to a further partially open position.
2. (Original) The device of claim 1 wherein the angled protrusion forms an angle of approximately 30 degrees with a vertical axis.
3. (Original) The device of claim 1 wherein the angled guiding surface forms an angle of approximately 57 degrees with a vertical axis.

4. (Cancelled)

5. (Previously Amended) A receptacle structure, the receptacle structure coupled to a door, the receptacle structure comprising:

a top surface and an angled guiding surface, the top surface forming an angled protrusion, the receptacle structure having a receptacle, the receptacle formed between the top surface and the angled guiding surface; and

wherein a latching rod is positioned within the receptacle, and the movement of a sliding assembly causes the latching rod to contact the angled protrusion, and, the contact of the latching rod with the angled protrusion of the receptacle structure causes the rod to push the receptacle structure and the door to a partially open position, and then causes the latching rod to navigate across the angled guiding surface of the receptacle structure, thereby pushing the receptacle structure and the door to a further partially open position.

6. (Original) The device of claim 5 wherein the angled protrusion forms an angle of approximately 30 degrees with a vertical axis.

7. (Original) The device of claim 5 wherein the angled guiding surface forms an angle of approximately 57 degrees with a vertical axis.

8. (Previously Amended) A method for opening a door comprising:
positioning a latching rod within a receptacle;
moving the latching rod in an upward direction to contact an angled protrusion of

a receptacle structure, thereby causing the rod to push the receptacle structure and the door to a partially open position; and

navigating the latching rod across an angled guiding surface of the receptacle structure, thereby pushing the receptacle structure and the door to a further partially open position.

9. (Previously Amended) A device for opening a door comprising:

means for positioning a latching rod within a receptacle;

means for moving the latching rod in an upward direction;

means for causing the latching rod to contact an angled protrusion of a receptacle structure;

means for causing the latching rod to push the receptacle structure and the door to a partially open position; and

means for causing the latching rod to navigate across an angled guiding surface of the receptacle structure, thereby pushing the receptacle structure and the door to a further partially open position.

10. (Previously Amended) A storage device comprising:

a door;

a receptacle structure, the receptacle structure coupled to the door, the receptacle structure having a top surface and an angled guiding surface, the top surface forming an angled protrusion, the receptacle structure having a receptacle, the receptacle formed between the top surface and the angled guiding surface;

a latching rod; and

a sliding assembly coupled to the latching rod;

wherein movement of the sliding assembly causes the latching rod to contact the angled protrusion; and

wherein the contact of the latching rod with the angled protrusion of the receptacle structure causes the rod to push the receptacle structure and the door to a partially open position, and then causes the latching rod to navigate across the angled guiding surface of the receptacle structure, thereby pushing the receptacle structure and the door to a further partially open position.

11. (Original) The storage device of claim 10 wherein the angled protrusion forms an angle of approximately 30 degrees with a vertical axis.

12. (Original) The storage device of claim 10 wherein the angled guiding surface forms an angle of approximately 57 degrees with a vertical axis.

13. (Cancelled)

14. (Currently Amended) The storage device of claim 10 wherein the sliding assembly is coupled to a foot pedal.